





## **PCT**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference AMG117WO		e Notification of Transmittal of International eliminary Examination Report (Form PCT/IPEA/416)						
International application No.	International filing date (day/moni	th/year) Priority date (day/month/year)						
PCT/EP2003/006173	12 June 2003 (12.06.20	03) 14 June 2002 (14.06.2002)						
International Patent Classification (IPC) or n C08L 61/32, C08J 5/24, C08G 7								
Applicant AMI - AGR	OLINZ MELAMINE INTER	NATIONAL GMBH						
This international preliminary exam     and is transmitted to the applicant and	ination report has been prepared by scording to Article 36.	this International Preliminary Examining Authority						
2. This REPORT consists of a total of	2. This REPORT consists of a total of sheets, including this cover sheet.							
amended and are the basis fo	ied by ANNEXES, i.e., sheets of the r this report and/or sheets containing Administrative Instructions under t	e description, claims and/or drawings which have been grectifications made before this Authority (see Rule he PCT).						
These annexes consist of a total of sheets.								
3. This report contains indications rela	ting to the following items:							
I Basis of the report	I Basis of the report							
II Priority								
III Non-establishment	of opinion with regard to novelty, ir	ventive step and industrial applicability						
IV Lack of unity of inv	ention							
Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
VI Certain documents cited								
VII Certain defects in the	VII Certain defects in the international application							
VIII Certain observations on the international application								
Date of submission of the demand		e of completion of this report						
13 January 2004 (13.0)	2004)	16 September 2004 (16.09.2004)						
Name and mailing address of the IPEA/EP	Authorize	Authorized officer						
Facsimile No.	Telephone	e No.						



Internal application No.
PCT/EP2003/006173

I. Ba	asis o	f the re	report				
1. W	Vi <b>th</b> r	egard to	to the elements of the international application:*	<u> </u>			
	$\triangleleft$	the international application as originally filed					
D	$\overline{\mathbb{Q}}$	the desc	escription:				
_		pages	1-60	, as originally filed			
		pages		, filed with the demand			
		pages	, filed with the letter of				
	XI	the clai	aims:				
_ E	Y	pages	1-21	, as originally filed			
		pages					
		pages	3	, filed with the demand			
		pages					
Г		the drav	rawings:				
-		pages	-	, as originally filed			
		pages					
		pages					
Г	_   լլ	ne seque	uence listing part of the description:				
_	``	pages	•	, as originally filed			
		pages	:	1			
		pages		, ,,			
2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which is international application was filed, unless otherwise indicated under this item.  These elements were available or furnished to this Authority in the following language which is the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).  the language of publication of the international application (under Rule 48.3(b)).  the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and or 55.3).  3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:  contained in the international application in written form.  filed together with the international application in computer readable form.  furnished subsequently to this Authority in computer readable form.  The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  The statement that the information recorded in computer readable form is identical to the written sequence listing has							
4.		The a	amendments have resulted in the cancellation of: the description, pages the claims, Nos the drawings, sheets/fig				
5.			report has been established as if (some of) the amendments had not been made, since the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**	hey have been considered to go			
	in th and t	is repo 70.17).	ont sheets which have been furnished to the receiving Office in response to an invitation is port as "originally filed" and are not annexed to this report since they do not cont.  The sement sheet containing such amendments must be referred to under item I and annexed to	ntain amendments (Rule 70.16			

V.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
	citations and explanations supporting such statement

1. Statement						
Novelty (N)	Claims	16-20	YES			
	Claims	1-15, 21	NO			
Inventive step (IS)	Claims		YES			
	Claims	16-20	NO			
Industrial applicability (IA)	Claims	1-21	YES			
	Claims		NO			

2. Citations and explanations

This report makes reference to the following documents:

D1: EP-A-0 062 179

D2: GB-A-851 295 A

D3: EP-A-0 526 804

D4: EP-A-0 068 162

D5: EP-A-0 342 386

- 1. The subject matter of claims 1-15 and 21 is not novel (PCT Article 33(2)) in view of the aminoplastic moulding compounds based on polytriazine ethers disclosed in documents D1 to D5 (see the parts of D1 to D5 cited in the search report). It is pointed out that although the prior art citations do not explicitly mention the claimed parameters  $R_3:R_4=20:1$  to 1:20, these parameters must be implicit therein, since the ratio between formaldehyde and/or alkanols and diols lies within said claimed ranges. With regard to the claimed degree of polymerisation, it should be noted that this is naturally achieved when the polytriazine ethers are produced or progressively crosslinked.
- 2. The subject matter of claims 16-20 of the application is not inventive (PCT Article 33(3)) because further

processing the polytriazine ethers described in documents D1 and D2 by melting methods which are known per se appears to be an obvious measure.